



CALIFORNIA BUILDING CODE (2006 IBC) PUBLIC PROPOSAL FORM

PLEASE SEE REVERSE FOR INSTRUCTIONS ON SUBMITTING PUBLIC PROPOSALS. PROPOSALS MUST COMPLY WITH THESE INSTRUCTIONS.

- 1) Indicate the format in which you would like to receive your Public Proposals Monograph (PPM), Report of the Hearing (ROH) and Final Action Agenda (FAA):

☒ Paper ☐ * CD ☐ *Download from ICC Website

(*Note: A paper copy will not be sent to you if you have chosen the CD or Download format.)

- 2) PLEASE TYPE OR PRINT CLEARLY: FORMS WILL BE RETURNED if they contain unreadable information.

Name:	Rick Thornberry, P.E.				Date:	12-23-05
Jurisdiction/Company:	The Code Consortium, Inc.					
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- 3) *Signature: _____ ☒ Signature on File (see over)

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- 4) Cost Impact: Indicate if this Proposal: ☐ will ☐ will not increase the cost of construction.

- 5) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym: _____

IBC

If you have also submitted a separate coordination change to another I-Code, please indicate the code: _____
(See back of this form for list of names and acronyms for the International Codes).

- 6) Revision to: ☐ Section _____ ☒ Table 601 Footnote b ☐ Figure _____

- 7) PROPOSAL Please check appropriate box:

☒ Revise as follows: ☐ Add new text as follows ☐ Delete and substitute as follows: ☐ Delete without Substitution(s):

Show the proposed NEW, REVISED or DELETED TEXT in legislative format: ~~Line through text to be deleted.~~ Underline text to be added.

Proposed Amendment to Footnote b of Table 601 Fire-Resistance Rating Requirements for Building Elements.

Revise as follows:

~~b. Roof supports: Fire-resistance ratings of structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.~~

Also delete the footnote within the table itself.

☐ PROPOSAL Continued (Attach additional sheets as necessary)

- 8) SUPPORTING INFORMATION (State purpose and reason, and provide substantiation to support proposed change):
This reduction in required fire resistance ratings of the structural frame and bearing walls is not presently allowed in the 1997 UBC.

By allowing the structural frame, including columns and bearing walls, to be reduced by one hour for Types IA (UBC Type I-F.R.) and IB (UBC Type II-F.R.) construction, for one-story buildings the actual construction type, in effect, becomes Type IB and IIA (UBC Type II-1 hour) respectively. Allowing the one-hour reduction is contrary to the concept of the structural frame which is intended to provide overall structural integrity to the building. This is accomplished through adequate fire resistive protection of the main bearing elements and the framing members that connect directly into the main bearing elements in order

to form a complete building structural envelope which will withstand the duration of fire to which it may be exposed based on the required fire resistance rating. The structural integrity of the building as a whole should be maintained during fire exposure conditions in order to prevent total collapse and should be provided regardless of building height or number of stories. This also provides additional safety for fire fighters that may have to go onto the roof to conduct fire fighting activities or ventilate the building.

Also, by allowing the reduction for a Type IB building, in effect, results in a Type IIA building of unlimited area for virtually all occupancies other than the Group H's, I-1, I-4, S-1, S-2, and U since all the other use groups are allowed to be of unlimited area for Type IB construction. This appears to be a very liberal allowance in the code which is inconsistent with the concepts of Table 601 and Table 503.



SUPPORTING INFORMATION *Continued* (Attach additional sheets as necessary)

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Table 601 fnote b 05.12-15.doc